		Item Name	Unit	Approved Rates of Sri. H V Onkarappa	
				In figures	In words
288.00		CONCEALED CONDUIT SYSTEM: Supplying mm dia 2mm 2.5mm thick heavy gauge PVC Conduit pipe with suitable size bends, metal/PVC junction boxes adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures run with 18 SWG GI fish wire wherever necessary. complete as per specifications and directions of the Engineer in charge .25mm	mtr	53.53	Rupees Fifty Three And Paise Fifty Three Only
289	100.00	CONCEALED CONDUIT SYSTEM: Supplying mm dia 2mm 2.5mm thick heavy gauge PVC Conduit pipe with suitable size bends, metal/PVC junction boxes adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures run with 18 SWG GI fish wire wherever necessary. complete as per specifications and directions of the Engineer in charge .40mm	mtr	95.95	Rupees Ninety Five And Paise Ninety Five Only
290	75.00	Supplying and fixing sheet metal box made out of 18 SWG sheet metal with necessary holes for cable/conduit entry as required with one coat of primer of approved makes etc., complete as per specifications and directions of the Engineer in charge 75x75x65mm	Each	87.87	Rupees Eighty Seven And Paise Eighty Seven Only
291	45.00	Supplying and fixing sheet metal box made out of 18 SWG sheet metal with necessary holes for cable/conduit entry as required with one coat of primer of approved makes etc., complete as per specifications and directions of the Engineer in charge 135x75x65mm	Each	95.95	Rupees Ninety Five And Paise Ninety Five Only
292	50.00	Supplying and flush mounting teak wooden box without front plant made of not less than 12mm thick wood, after due groove cutting, necessary masonry patch work complete.complete as per specifications and directions of the Engineer in charge 12"x12"x3" (300x300x76mm)	Each	103.02	Rupees One Hundred Three And Paise Two Only
293	50.00	Supplying and flush mounting teak wooden box without front plant made of not less than 12mm thick wood, after due groove cutting, necessary masonry patch work complete.complete as per specifications and directions of the Engineer in charge 12"x9"x3" (300x228x76mm)	Each	86.86	Rupees Eighty Six And Paise Eighty Six Only
294	50.00	Supplying and flush mounting teak wooden box without front plant made of not less than 12mm thick wood, after due groove cutting, necessary masonry patch work complete.complete as per specifications and directions of the Engineer in charge 4"x4"x3" (101x101x76mm)	Each	60.60	Rupees Sixty And Paise Sixty Only
295	35.00	Supplying and flush mounting teak wooden box without front plant made of not less than 12mm thick wood, after due groove cutting, necessary masonry patch work complete.complete as per specifications and directions of the Engineer in charge 1 to 2 way	Each	33.33	Rupees Thirty Three And Paise Thirty Three Only
296	25.00	Supplying and flush mounting teak wooden box without front plant made of not less than 12mm thick wood, after due groove cutting, necessary masonry patch work complete.complete as per specifications and directions of the Engineer in charge 3 to 4 way	Each	40.40	Rupees Forty And Paise Forty Only
297	50.00	Supplying and fixing PVC/metal conduit Deep junction box complete as per specifications and directions of the Engineer in charge 19/20mm deep junction box	Each	43.43	Rupees Forty Three And Paise Forty Three Only
298	25.00	Supplying and fixing PVC/metal conduit Deep junction box complete as per specifications and directions of the Engineer in charge 25 mm deep junction box	Each	47.47	Rupees Forty Seven And Paise Forty Seven Only

Executive Engineer
Project Division
Yelahanka Zone
21/8/20

Contractor

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		Item Name	Unit	Approved Rates of Sri. H V Onkarappa	
				In figures	In words
	25.00	Supplying and fixing PVC/metal conduit Deep junction box complete as per specifications and directions of the Engineer in charge 32mm deep junction box	Each	60.60	Rupees Sixty And Paise Sixty Only
	40.00	Extra for groove cutting in brick wall /CC floor' to the suitable depth for con cealing of conduit/GI pipe and plastering,finishing upto wall surface complete. complete as per specifications and directions of the Engineer in charge	Mtr	21.21	Rupees Twenty One And Paise Twenty One Only
301	25.00	Suplplying and fixing "S" Hook made out of 14mm dia M.S. rod complete as per specifications and directions of the Engineer in charge	No	34.34	Rupees Thirty Four And Paise Thirty Four Only
302	20.00	Point wiring using copper wire with switch: Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using 2x1.5Sqmm (Phase & Neutral) & 1x1.0 sqmm (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694: and latest amendments) with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. complete as per specifications and directions of the Engineer in charge Short point upto 3Mtrs from tapping point to out let via switch	each	202.00	Rupees Two Hundred Two Only
303	20.00	Point wiring using copper wire with switch: Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using 2x1.5Sqmm (Phase & Neutral) & 1x1.0 sqmm (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694: and latest amendments) with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. complete as per specifications and directions of the Engineer in charge . Medium point above 3Mtrs upto 6Mtr from Tapping point to out let via switch	each	277.75	Rupees Two Hundred Seventy Seven And Paise Seventy Five Only
304	500.00	Wiring for lighting/power circuit using one of PVC insulated 1100v grade, multistrand Copper conductor single core cable in open or consealed system of wiring. I Group A 1 sqmm complete as per specifications and directions of the Engineer in charge	mtr	14.14	Rupees Fourteen And Paise Fourteen Only
305	250.00	Wiring for lighting/power circuit using one of PVC insulated 1100v grade, multistrand Copper conductor single core cable in open or consealed system of wiring. I Group A 6 sqmm complete as per specifications and directions of the Engineer in charge	mtr	70.70	Rupees Seventy And Paise Seventy Only
306	50.00	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC/ box. complete as per specifications and directions of the Engineer in charge 1 to 3 module	each	111.10	Rupees One Hundred Eleven And Paise Ten Only
307	50.00	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC/ box. complete as per specifications and directions of the Engineer in charge 4 module	each	126.25	Rupees One Hundred Twenty Six And Paise Twenty Five Only
308	50.00	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC/ box. complete as per specifications and directions of the Engineer in charge 6 module	each	176.75	Rupees One Hundred Seventy Six And Paise Seventy Five Only

Executive Engineer
Project Division
Yelahanka Zone

Contractor

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		Item Name	Unit	Approved Rates of Sri. H V Onkarappa	
				In figures	In words
		Supply box type suitable for 28W T5 single / twin lamp & suspension mounted luminaire and optical reflector. Prewired with HF electronic ballast, push fit type lamp holders and main connectors. Channel cover shall be made of CRCA MS sheet and finishing is done with stone enameled white with end caps made of engineering plastic complete as per specifications and directions of the Engineer in charge	each	515.10	Rupees Five Hundred Fifteen And Paise Ten Only
	5.00	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' type curve, indicator ON/OFF, energy cross-3 with short circuit breaking capacity of 10K and Complete wiring as required. complete as per specifications and directions of the Engineer in charge 50-63 Amps SP	each	730.23	Rupees Seven Hundred Thirty And Paise Twenty Three Only
311	6.00	LED Drivers suitable for 5700K LED fitting Outdoor Fixtures 240W 5700K suitable for outdoor LED fitting complete as per specifications and directions of the Engineer in charge	each	7642.67	Rupees Seven Thousand Six Hundred Forty Two And Paise Sixty Seven Only
312	500.00	Supplying 4mm thick plastic sheet with necessary nitches for fixing switches regulators etc., and fixing on existing wooden or metal box using N.F.Screws. complete as per specifications and directions of the Engineer in charge	Sqcm	0.27	Rupees And Paise Twenty Seven Only
313	45.00	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293 complete as per specifications and directions of the Engineer in charge Stepped Fan Regulator	each	292.90	Rupees Two Hundred Ninety Two And Paise Ninety Only
314	26.00	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293 complete as per specifications and directions of the Engineer in charge TV/Telephone socket	each	79.79	Rupees Seventy Nine And Paise Seventy Nine Only
315	30.00	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293 complete as per specifications and directions of the Engineer in charge RJ45/I.O. outlet	each	196.95	Rupees One Hundred Ninety Six And Paise Ninety Five Only
316	30.00	Fixing a Ceiling/Wall mounting fan of all capacities and all types to the existing S hook with fan regulator to the existing board together with supplying and fixing a 5 ampers ceiling rose, necessary length of 23/0.0076 inch PVC insulated twin twisted copper wire and wiring completely. complete as per specifications and directions of the Engineer in charge	each	151.50	Rupees One Hundred Fifty One And Paise Fifty Only
317	4.00	Supplying and fixing Moulded Cases Cicuit Breaker (MCCB) over the existing wood/panel/ board using necessary screws, bolts, nuts and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947.(Icu = Ics) . complete as per specifications and directions of the Engineer in charge 100Amps 25kA.	Each	4575.30	Rupees Four Thousand Five Hundred Seventy Five And Paise Thirty Only
318	4.00	Supplying and fixing Moulded Cases Cicuit Breaker (MCCB) over the existing wood/panel/ board using necessary screws, bolts, nuts and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947.(Icu = Ics) . complete as per specifications and directions of the Engineer in charge 250Amps 35kA.	Each	15503.50	Rupees Fifteen Thousand Five Hundred Three And Paise Fifty Only

Executive Engineer
Project Division
Yelahanka Zone

Contractor

Scanned by TapScanner

		Item Name	Unit	Approved Rates of Sri. H V Onkarappa	
				In figures	In words
	10.00	Supplying, fixing wiring earth electrode for gounding conduits, I.C.Cutouts and other equipments on the meter board using 40mm dia 2.90 thick GI 2.5 mtr long buried in a pit... the pit should be filled with equal proportion of salt and charcoal 150mm alround the pipe to complete depth. The connection from the pipe to the conduit etc, is to be established through GI wire of size as oer ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and checknuts etc, the pipe shall have 16 through holes of 12 mm dia. complete as per specifications and directions of the Engineer in charge	no	3029.70	Rupees Three Thousand Twenty Nine And Paise Seventy Only
320	75.00	Supplying of 1.1 KV LT UG cable having aluminium conductor PVC insulated, extruded inner sheathed, galvanised, steel strip (except 2Cx 10Sq.mm wire armoured) Confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheated armoured cable with confirming to the attached GTP of GROUP-A. (62/7.4) 4 core 16 sqmm complete as per specifications.and directions of the Engineer in charge.	mtr	151.50	Rupees One Hundred Fifty One And Paise Fifty Only
321	75.00	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe/ stoneware pipe/ on wall/ on pole as required. I. In existing trench /duct. complete as per specifications.and directions of the Engineer in charge. 6sqmm to 16 sqmm	mtr	12.00	Rupees Twelve Only
322	75.00	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete as per specifications.and directions of the Engineer in charge	mtr	114.13	Rupees One Hundred Fourteen And Paise Thirteen Only
323	25.00	Supplying and fixing of class A (medium duty) GI pipe of wall thick ness not less than 3.25 mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class. complete as per specifications.and directions of the Engineer in charge 40 mm	mtr	338.35	Rupees Three Hundred Thirty Eight And Paise Thirty Five Only
324	1.00	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc. complete as per specifications.and directions of the Engineer in charge 16 Sqmm	each	272.70	Rupees Two Hundred Seventy Two And Paise Seventy Only
325	12.00	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers etc.complete as per specifications.and directions of the Engineer in charge 32 Amps	each	175.74	Rupees One Hundred Seventy Five And Paise Seventy Four Only
326	1200.00	Fabricating supplying and mounting MS box made out... SWG suitable for floor/wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer pain and finally finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete as per specifications.and directions of the Engineer in charge 18 SWG	Sqcm	0.30	Rupees And Paise Thirty Only
327	20.00	Supplying and fixing regular MCB distribution boards on well /wood board /flush mounting using required clamps, bolts, nuts etc., with provision for fixing suitable type capacity MCB`s single phase /3 phase /single for with powder coated painting etc., complete as per specifications.and directions of the Engineer in charge . Single Door b) 8 way SP&N	each	969.60	Rupees Nine Hundred Sixty Nine And Paise Sixty Only
328	4.00	Supplying of 1440rpm heavy duty exhaust fan with bracket blades suitable to operate on 230V 50Hz, AC Supply complete complete as per specifications.and directions of the Engineer in charge 12" Sweep (300mm)	Each	2121.00	Rupees Two Thousand One Hundred Twenty One Only

Executive Engineer
Project Division
Yelahanka Zone

Contractor

Scanned by TapScanner

		Item Name	Unit	Approved Rates of Sri. H V Onkarappa	
				In figures	In words
		Supplying and drawing UTP-CAT 6E LAN cable omplete as per specifications and directions of the Engineer in charge	Mtr	29.29	Rupees Twenty Nine And Paise Twenty Nine Only
	25.00	Supplying and drawing PVC flexible one pair telephone unarmoured tinned copper cable omplete as per specifications.and directions of the Engineer in charge 2 pairs	Rmtr	14.65	Rupees Fourteen And Paise Sixty Four Only
331	1.00	Supplying and Fixing of switch mounting rack with power manager & Cable manager. cable omplete as per specifications.and directions of the Engineer in charge 24U with 650mm depth	Each	24240.00	Rupees Twenty Four Thousand Two Hundred Forty Only
332	1.00	Supplying fixing of Network Switches omplete as per specifications.and directions of the Engineer in charge 10 Port Gigabyte (manageable)	Each	18180.00	Rupees Eighteen Thousand One Hundred Eighty Only
333	5.00	Supply, installation, testing and commissioning of compact ceiling speaker with Back can power handling up to 6 watt RMS/watt/100volt@ 1456 ohms single channel. Selectable taping 5" LF driver and tweeter complete as per specifications.and directions of the Engineer in charge	No	1464.50	Rupees One Thousand Four Hundred Sixty Four And Paise Fifty Only
334	1.00	Supplying, erection, testing and commissioning of 62.5kva/50kw Diesel Generating Set on existing CC platform Compising of diesel Engine Developing 50kw BHP @ 1500 RPM confirming to BS 5514. The engine should be turbocharged, Air/water cooled with 10% over load for 1hour in every 12 hours of operation coupled to suitable capacity alernator rated at 415V, 0.8 PF(lag) 50 Hz, 3 phase. 4 wire system, confirming to BS 5000/IS 4722. The alternator shall be of brushless type Screen protected, revolving field, Mounted on suitable Channel Iron Base Frame. Complete with suitable capacity Fuel Tank, required nos, of Batteries of 12/24V as per requirement. Acoustic enclosure as per CPCB Approved Norms.complete as per specifications.and directions of the Engineer in charge	Set	519645.00	Rupees Five Lakh(s) Nineteen Thousand Six Hundred Forty Five Only
335	1.00	Geophysical investigation of site for sinking borewell for supply drinking water to the habitation either through the hand pump M.W.S or P.W.S.S by vertical electrical sounding by adopting venner or schlumberger's method including reconnaissance survey of geological formation Geophysical investigation of existing ground water infecundity its quality, quantity & acceptability of the user indicating the location of site recommended depth of casting pipe required to seal the top in consolidated formation including an extra depth of 1.00 Mtr in consolidated formation of proper scatting of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation technical personal and labour etc.complete as per specifications.and directions of the Engineer in charge	No	1957.84	Rupees One Thousand Nine Hundred Fifty Seven And Paise Eighty Four Only
336	100.00	Sinking borewell of 165mm dia clear using super fast hydraulic Rig of capacity 250 PSIG and above 900 CFM & above in all Strata including over burden upto 20 mtrs fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of Rig and Supporting vehicle, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding cost of casin pipes, collars and cap, etc.,).complete as per specifications.and directions of the Engineer in charge 0.00 to 50.00 mtrs	Rmtr	318.33	Rupees Three Hundred Eighteen And Paise Thirty Three Only

Executive Engineer
Project Division
Yelahanka Zone

Contractor

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		Item Name	Unit	Approved Rates of Sri. H V Onkarappa	
				In figures	In words
		Sinking borewell of 165mm dia clear using super fast hydraulic Rig of capacity 250 PSIG and above 900 CFM & above in all Strata including over burden upto 20 mtrs fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of Rig and Supporting vehicle, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding cost of casin pipes, collars and cap, etc.,).complete as per specifications.and directions of the Engineer in charge 50 to 100.00 mtrs	Rmtr	416.12	Rupees Four Hundred Sixteen And Paise Twelve Only
338	100.00	Sinking borewell of 165mm dia clear using super fast hydraulic Rig of capacity 250 PSIG and above 900 CFM & above in all Strata including over burden upto 20 mtrs fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of Rig and Supporting vehicle, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding cost of casin pipes, collars and cap, etc.,).complete as per specifications.and directions of the Engineer in charge 100 to 150.00 mtrs	Rmtr	462.93	Rupees Four Hundred Sixty Two And Paise Ninety Three Only
339	100.00	Sinking borewell of 165mm dia clear using super fast hydraulic Rig of capacity 250 PSIG and above 900 CFM & above in all Strata including over burden upto 20 mtrs fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of Rig and Supporting vehicle, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding cost of casin pipes, collars and cap, etc.,).complete as per specifications.and directions of the Engineer in charge 150 to 200.00 mtrs	Rmtr	488.94	Rupees Four Hundred Eighty Eight And Paise Ninety Four Only
340	100.00	Sinking borewell of 165mm dia clear using super fast hydraulic Rig of capacity 250 PSIG and above 900 CFM & above in all Strata including over burden upto 20 mtrs fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of Rig and Supporting vehicle, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding cost of casin pipes, collars and cap, etc.,).complete as per specifications.and directions of the Engineer in charge 200 to 250.00 mtrs	Rmtr	565.92	Rupees Five Hundred Sixty Five And Paise Ninety Two Only
341	100.00	Sinking borewell of 165mm dia clear using super fast hydraulic Rig of capacity 250 PSIG and above 900 CFM & above in all Strata including over burden upto 20 mtrs fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of Rig and Supporting vehicle, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding cost of casin pipes, collars and cap, etc.,).complete as per specifications.and directions of the Engineer in charge 250 to 300.00 mtrs	Rmtr	606.49	Rupees Six Hundred Six And Paise Forty Nine Only

Executive Engineer
Project Division
Yelahanka Zone

Contractor

Scanned by TapScanner

		Item Name	Unit	Approved Rates of Sri. H V Onkarappa	
				In figures	In words
	00.00	Sinking borewell of 165mm dia clear using super fast hydraulic Rig of capacity 250 PSIG and above 900 CFM & above in all Strata including over burden upto 20 mtrs fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of Rig and Supporting vehicle, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding cost of casin pipes, collars and cap, etc.,) complete as per specifications and directions of the Engineer in charge 300 to 350.00 mtrs	Rmtr	647.07	Rupees Six Hundred Forty Seven And Paise Seven Only
343	100.00	Supply of ISI mark 175 mm nominal bore plain end steel casing pipe grade of steel Fe 410 of wall thickness 5.4mm thick confirming to IS 4270:2001 and latest amendments electric resistance welded steel tube material and conformming to IS 1387/1993 and manufactured by basic open hearth electric or basic oxygen preocess in random length of 54 to 7 mts both ends threaded conforming to IS 4270-2001 and the other end with screwed pipes. All pipes shall be reasonably free from defects. The tubes shall be reasonably straight should be ISI marking weighing 25.10 kg/m (Inclusssive of all taxes and duties). Prices incluide collar-medium duty (Material component .complete as per specifications.and directions of the Engineer in charge	m	1338.25	Rupees One Thousand Three Hundred Thirty Eight And Paise Twenty Five Only
344	1.00	Supplying of 175 mm MS cap .complete as per specifications.and directions of the Engineer in charge	each	101.00	Rupees One Hundred One Only
345	3.00	Supplying of 175 mm MS collars .complete as per specifications.and directions of the Engineer in charge	each	151.50	Rupees One Hundred Fifty One And Paise Fifty Only
346	6.00	Providing and fixing PVC pipe 250 mm dia 6 kg/sqm complete as per specifications.and directions of the Engineer in charge	rmtr	976.67	Rupees Nine Hundred Seventy Six And Paise Sixty Seven Only
347	1.00	Supplying and delivery at site brand new submersible pump set suitable for 150mm dia borewell of 150 mm dia and having declared duty conditions as detailed below and satisfying performance characteristic for pump and motor as declared by BIS the pump should confirm to IS 8034-1976 (with all its latest amendments) and should bear the ISI certification mark IS 8034-1976. The pumpset should consist bronze impellers disscahrge 7500 lph head 102.88 mtrs 10.00 HP 20 stage (Copy enclosed) complete as per specifications and directions of the Engineer in charge	Set	35350.00	Rupees Thirty Five Thousand Three Hundred Fifty Only
348	150.00	Submersible cable: supply and delivery of brand new best make PVC insulated cable of flat 3 core (Shaethed) of nominal cross sectional area to IS 694-1977 with latest amendments and ISI mark 1x3x4.00n(Copy enclosed) complete as per specifications and directions of the Engineer in charge	mtr	146.45	Rupees One Hundred Forty Six And Paise Forty Five Only
349	1.00	Supply and delivery of brand new best make gate Valve 50 mm dia size as per IS 778-1987 complete as per specifications and directions of the Engineer in charge	Each	1212.00	Rupees One Thousand Two Hundred Twelve Only
350	1.00	Supply and delivery of brand new best make Non return Valve 50 mm dia size as per IS 10805-1986 with latest amenments. complete as per specifications and directions of the Engineer in charge	Each	1146.43	Rupees One Thousand One Hundred Forty Six And Paise Forty Three Only
351	280.00	Supplying and fixing galvanized steel tube 32 mm GI Pipe (Copy enclosed) complete as per specifications and directions of the Engineer in charge	mtr	299.36	Rupees Two Hundred Ninety Nine And Paise Thirty Six Only

Executive Engineer
Project Division
Yelahanka Zone

Contractor

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		Item Name	Unit	Approved Rates of Sri. H V Onkarappa	
				In figures	In words
	1.00	Meter and panel board : Supply and delivery of meter and panel boarc unit one number of MS box of size 300 x 120 mm size fabricated out of 2 mm thick sheet metal with sealable door arrangement for mounting the CTS (If any) cutouts 3 phase dia 4 wire energy meter and cable box complete A tranperent glass piece should be provided where the energy meter reading could be read b. panel board to operate on 50c /400/400 v (Copy enclosed) complete as per specifications.and directions of the Engineer in charge	Each	6696.30	Rupees Six Thousand Six Hundred Ninety Six And Paise Thirty Only
353	1.00	Earthing: supplying and fixing and wiring earth electrode for grounding circuits IC cut outs and other equipment on the meter board in the pit the pits should be filled in with a equal proportion of salt and charcoal 150 mm around the pipe to complete depth the connection from the GI wire of size as per the clause 1, 3.3 of IS 732 using 12 mm bolts nuts washers and check nuts complete (copy enclosed) complete as per specifications.and directions of the Engineer in charge	Each	1515.00	Rupees One Thousand Five Hundred Fifteen Only
354	1.00	Supplying and fixing of MCB on the existing MCB distribution board using necessary materials and wiring complete as required 32 amps (copy enclosed) complete as per specifications.and directions of the Engineer in charge	Each	545.40	Rupees Five Hundred Forty Five And Paise Forty Only
355	1.00	Commissioning of work of pumpset including aligning and balancing with all necessary erection of material and labour including supply and errection of two pair of supporting clamps one borewell cap cable clips and water tight gland cable protectors bolts and nuts valves ans gauges etc., all job including fixing sluice valve non return valve etc., and connecting delivery side of pumpset to rising main.complete (Copy enclosed) complete as per specifications.and directions of the Engineer in charge	Each	1727.10	Rupees One Thousand Seven Hundred Twenty Seven And Paise Ten Only
356	1.00	Erection of panel board and meter board (Copy enclosed) complete as per specifications.and directions of the Engineer in charge	Each	429.25	Rupees Four Hundred Twenty Nine And Paise Twenty Five Only
357	1.00	Brass stop cock (15 mm dia) complete as per specifications.and directions of the Engineer in charge	Each	133.16	Rupees One Hundred Thirty Three And Paise Sixteen Only
358	1.00	Supplying and fixing MCB on existing MCB distyribution board using necessary fixing materials and wiring complete as required 321 amps complete as per specifications.and directions of the Engineer in charge	Nos	545.40	Rupees Five Hundred Forty Five And Paise Forty Only
359	1.00	Supplying and fixing polished wood board made of not less than 15 mm thick on both sides with made out side more than 2 piece and fixing the same to the mwall musing tapered inverted wooden plugs screws etc 500 x500x 65 mm complete as per specifications.and directions of the Engineer in charge	Nos	277.75	Rupees Two Hundred Seventy Seven And Paise Seventy Five Only
360	1.00	Supplying and fixing and wiring pilot lamps on existing board using 3 nos flush switches surface mounted in a ang box or flush mounted in 4 mm thick plastic sheet 3 nos of amps bakelite fuses and necessary wires (Copy enclosed) complete as per specifications.and directions of the Engineer in charge	Nos	138.37	Rupees One Hundred Thirty Eight And Paise Thirty Sever Only

Contractor

Executive Engineer
Project Division
Yelahanka Zone

Scanned by TapScanner

		Item Name	Unit	Approved Rates of Sri. H V Onkarappa	
				In figures	In words
	1.00	Supplying, fixing, wiring, earth electrode for grounding conduits, LC cutouts and other equipments on the meter board using 40mm dia 2.90 mm thick GI pipe 2.5m long buried in a pit. The pit should be filled with equal propotion of solt and charcoal 150mm alround the pipe to complete depth. The connection from the pipe to the conduct etc., is to be establisehed through GI wire of size as per ISI specification 7.3.3 IS 732 using 12mm dia bolts, nuts, washers and check nuts, etc., the pipe shall have 16 through holes of 122 mm dia complete as per specifications.and directions of the Engineer in charge	Nos	1515.00	Rupees One Thousand Five Hundred Fifteen Only
362	1.00	Design, supplying, erecting testing and commissioning of - passenger/ Bed-cum-passenger hospital lift with speed of 1mtr per second, variable voltage variable frequency drive, with or without machine room for the available well size, operating at 415 V 3 phase 50 cycles AC supply, powder coated / Stainless Steel car entrance doors enclosures with suitable colour vinyl flooring, LED car illumination, emergency light, intercom and fan as desired by the user, central opening / side opening door with or without attendant operation, 7 segment display buttons, call register indicator, fireman drive, SS handrails inside car, full length infrared curtain in car door, automatic rescue device with batteries, voice announcing in regional / international languages, Braille buttons with one year warranty and maintenance with necessary scaffolding and minor civil works like fixing of guide rail, counter weight etc. With Machine Room-PC Finish: complete as per specifications.and directions of the Engineer in charge	Nos	1322696.00	Rupees Thirteen Lakh(s) Twenty Two Thousand Six Hundred Ninety Six Only
363	200.00	Solar tank 200 ltr (Markert Rate) complete as per specifications.and directions of the Engineer in charge	Ltr	161.60	Rupees One Hundred Sixty One And Paise Sixty Only
364	95.85	Providing and fixing for flooring 20mm thick gang saw water cut sadarhalli gray granite in CM 1:4 proportion, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, groves in joints including cost of curing - minimum width of 900mm.complete as per specifications and directions of the Engineer in charge	Sqm	2158.69	Rupees Two Thousand One Hundred Fifty Eight And Paise Sixty Nine Only
365	50.10	Providing and fixing for flooring 20mm thick gang saw water cut sadarhalli gray granite in CM 1:4 proportion, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, groves in joints including cost of curing - minimum width of 900mm.complete as per specifications and directions of the Engineer in charge (First Floor).	Sqm	2160.87	Rupees Two Thousand One Hundred Sixty And Paise Eighty Seven Only
366	50.10	Providing and fixing for flooring 20mm thick gang saw water cut sadarhalli gray granite in CM 1:4 proportion, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, groves in joints including cost of curing - minimum width of 900mm ,complete as per specifications and directions of the Engineer in charge (Second Floor).	Sqm	2163.06	Rupees Two Thousand One Hundred Sixty Three And Paise Six Only

Executive Engineer
Project Division
Yelahanka Zone

Contractor

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		Item Name	Unit	Approved Rates of Sri. H V Onkarappa	
				In figures	In words
		Providing and fixing for flooring 20mm thick gang saw water cut Jadarhalli gray granite in CM 1:4 proportion, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, groves in joints including cost of curing - minimum width of 900mm.complete as per specifications and directions of the Engineer in charge (Head Room).	Sqm	2165.24	Rupees Two Thousand One Hundred Sixty Five And Paise Twenty Four Only
368	12.00	Providing and fixing Vetrified glazed tiles of approved make quality & colour of size 900x900x 12mm thick fixed on bed of 12mm thick cement mortar for flooring ,skirting ad jointed with neat cement slurry mixed with pigment to match shade of tiles, including providing spacers at required interval and removing stains etc including Cost of all materials mortar labour etc complete as per specification and directions of the Engineer in charge	Sqm	1240.24	Rupees One Thousand Two Hundred Forty And Paise Twenty Four Only
369	4.20	Providing and fixing Vetrified glazed tiles of approved make quality & colour of size 900x900x 12mm thick fixed on bed of 12mm thick cement mortar for flooring ,skirting ad jointed with neat cement slurry mixed with pigment to match shade of tiles, including providing spacers at required interval and removing stains etc including Cost of all materials mortar labour etc complete as per specification and directions of the Engineer in charge (First Floor).	Sqm	1242.42	Rupees One Thousand Two Hundred Forty Two And Paise Forty Two Only
370	4.20	Providing and fixing Vetrified glazed tiles of approved make quality & colour of size 900x900x 12mm thick fixed on bed of 12mm thick cement mortar for flooring ,skirting ad jointed with neat cement slurry mixed with pigment to match shade of tiles, including providing spacers at required interval and removing stains etc including Cost of all materials mortar labour etc complete as per specification and directions of the Engineer in charge (Second Floor).	Sqm	1244.60	Rupees One Thousand Two Hundred Forty Four And Paise Sixty Only
371	24.45	Providing skirting, dado, rises of steps with colour glazed tiles 30X60 cms 6mm thick with border of size 30 x 10 cms on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. and directions of the Engineer in charge (Second Floor).	Sqm	1784.55	Rupees One Thousand Seven Hundred Eighty Four And Paise Fifty Five Only
372	3.15	Providing and fixing factory made single leaf rigid GRP Sandwich composite door shutter of 40 mm thick, laminated with two GRP skins with wood grain finish, fabricated using U.V-stabilized Isopthalic Gelcoat and one layer of 450 gns E-Glass Chopped Strand Mat (CSM), impregnated with orthopthalic polyester resin. The thickness of the skins shall not be less than 1.5mm. Expanded Polystyrene (EPS) structural foam panel of 37mm thickness and a density of 20 Kg/m3 shall be used as core material. Wooden reinforcements made of Seasoned Salwood block of cross section not lessthan 36mmx32mmand also necessary salwood reinforcements for fixing the metal fittings such as tower bolts, aldrops, handles, etc. shall be provided. A structural adhesive compatible with EPS foam shall be used for bonding the core material, the salwood reinforement and the skins. The material and process for manufacturing the door shutters shall confirm to RV-TIFAC Composites Design Centre Standards and specifications and the door shutters tested in confiramation to IS 4020-1994. The finish of shutter will be plain coulur White/IVORY/Beige/Light Grey or any other colour using high quality	Sqm	4153.77	Rupees Four Thousand One Hundred Fifty Three And Paise Seventy Seven Only

Executive Engineer
Project Division
Yelahanka Zone

21/8/20

Contractor

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No	Quantity	Item Name	Unit	Approved Rates of Sri. H V Onkarappa	
				In figures	In words
373	1.00	Providing and placing on terrace, polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications. (For 2000 Litre capacity) and directions of the Engineer in charge	Each	14895.96	Rupees Fourteen Thousand Eight Hundred Ninety Five And Paise Ninety Six Only
374	6.00	Supplying and mounting 2 Nos, of 2 Way 6amps flush type switches either surface/flush mounted on existing gang box or in 4mm thick plastic sheet and mounted on a flusg mounted wooden box and wiring as per IS 1293 complete as per specifications and directions of the Engineer in charge.	Each	133.32	Rupees One Hundred Thirty Three And Paise Thirty Two Only
375	31.00	Supply and fixing of bakelite D.P /socket/switch with/ without neon indicator over existing wood board or flush mounting in plastic plates/nitches as per IS 1293 and IS 3854 16Amps Combined switch and socket with indication complete as per specifications and directions of the Engineer in charge.	No	133.32	Rupees One Hundred Thirty Three And Paise Thirty Two Only
376	1.00	Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S.S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Gerophysical investigation of existing Ground Wate in the vicinity, its qualityf 1.0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site., engaging techinical personal and labour required etc., complete as per specifications and directions of the Engineer in charge.	ach B	1900.82	Rupees One Thousand Nine Hundred And Paise Eighty Two Only
377	18.00	Providing 250mm dia PVC Pipe 6kg/cm BWSSB complete as per specifications and directions of the Engineer in charge.	Rmtr	1111.00	Rupees One Thousand One Hundred Eleven Only
378	1.00	Providing and fixing 160mm Borewell Cap complete as per specifications and directions of the Engineer in charge.	Each	101.00	Rupees One Hundred One Only
379	1.00	Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittings 12.50 HP 25 stage. ATALANTA< SUGNA< CRI, KIRLOSKAR and other Equivalent Pumps including of all taxes(12.5 HP 25 Stage) complete as per specifications and directions of the Engineer in charge.	No	61004.00	Rupees Sixty One Thousand Four Only
380	260.00	Providing and fixing in trenches galvanised / mild steel tubes (medium grade) 50mm dia nominal bore with all fittings (earth work in trenches to be measured and paid for separately) including cost of all materials, labour, charges HOM of equipments complete as per specifications and directions of the Engineer in charge.	M	435.31	Rupees Four Hundred Thirty Five And Paise Thirty One Only

Contractor

Executive Engineer
Project Division
Yelahanka Zone

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No	Quantity	Item Name	Unit	Approved Rates of Sri. H V Onkarappa	
				In figures	In words
381	540.00	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper with low resistance conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and powder coating extruded PVC sheathed suitable for working voltage upto 1100Volts as per IS-694:1990 & confirming to GTP of GROUP-A. complete as per specifications and directions of the Engineer in charge.	Mtr	127.97	Rupees One Hundred Twenty Seven And Paise Ninety Seven Only
382	130.00	Labour charges for erection as new /repaired submercible pumpset allong with GI pipe (32/50mm) cable (new submercible pumpset if required will be supplied by the department free of cost and released pumpset shoud be handed over to department including transportation (Each lenth =6.00) complete as per specifications and directions of the Engineer in charge.	each	88.88	Rupees Eighty Eight And Paise Eighty Eight Only
383	1.00	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws etc., complete as per specifications and directions of the Engineer in charge.	Each	305.02	Rupees Three Hundred Five And Paise Two Only
384	30.00	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A complete as per specifications and directions of the Engineer in charge.	Mtr	141.80	Rupees One Hundred Forty One And Paise Eighty Only
385	30.00	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.In existing trench/duct. complete as per specifications and directions of the Engineer in charge.	Mtr	10.91	Rupees Ten And Paise Ninety One Only
386	25.00	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc.,complete as per specifications and directions of the Engineer in charge.	Mtr	85.85	Rupees Eighty Five And Paise Eighty Five Only
387	1.00	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc., 16Sqmm complete as per specifications and directions of the Engineer in charge.	No	282.80	Rupees Two Hundred Eighty Two And Paise Eighty Only
388	1.00	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 122 mm dia, complete as per specifications and directions of the Engineer in charge.	No	2754.27	Rupees Two Thousand Seven Hundred Fifty Four And Paise Twenty Seven Only
389	6.00	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers. complete as per specifications and directions of the Engineer in charge. 32 Amps	No	181.80	Rupees One Hundred Eighty One And Paise Eighty Only
390	1.00	Providing and fixing in position 50mm nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials, labour and HOM of equipments with all leads complete as per specifications and directions of the Engineer in charge. 50 mm dia	Nos	1595.19	Rupees One Thousand Five Hundred Ninety Five And Paise Nineteen Only

Executive Engineer
Project Division
Yelahanka Zone

Contractor

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SNo	Quantity	Item Name	Unit	Approved Rates of Sri. H V Onkarappa	
				In figures	In words
391	1.00	Providing NP/CP waste unions conforming to ISI specifications and fixing them in position as per directions including cost of materials, fixtures and conveyance to work spot etc., complete as per specifications and directions of the Engineer in charge. 50mm dia	No	230.18	Rupees Two Hundred Thirty And Paise Eighteen Only
392	4.00	Supplying and fixing 50mm dia GI X nipple with ISI mark with all lead and lift loading unloading and labour charges etc complete as per specifications and directions of the Engineer in charge.	No	105.34	Rupees One Hundred Five And Paise Thirty Four Only
393	1.00	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 5-32Amps complete as per specifications and directions of the Engineer in charge.	No	1562.47	Rupees One Thousand Five Hundred Sixty Two And Paise Forty Seven Only
394	23400.00	Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete as per specifications and directions of the Engineer in charge. 16SWG	SqCm	0.33	Rupees And Paise Thirty Three Only
395	1.00	Supplying fully automatic store detta starer unit push button type with suitable wires three contractors one adjustable termal timer mounted on a common base plate held in steel enclosure for use on 400/440 volts 3pase and wired offter fixing to the wooden board for motor upto 12.50 HP complete as per specifications and directions of the Engineer in charge.	No	6648.83	Rupees Six Thousand Six Hundred Forty Eight And Paise Eighty Three Only
396	112.50	Earthwork excavation for pipeline trenches including deporiting or bank up to a lead of 50 mtrs including shiriry and statting danger lighting and using site rails and boming poles at every 100 mtrs wherever necessary as directed in th following strructure manhole.complete as per specifications and directions of the Engineer in charge.	Cum	189.88	Rupees One Hundred Eighty Nine And Paise Eighty Eight Only
397	250.00	Providing and instalation at site of works P.V.C.Pipes including cost of pipes and specials and incluidng lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalabile from the execavation Etc.,complete as per specifications and directions of the Engineer in charge. 75 mm dia 6 KSC PVC pipe	Rmtr	158.57	Rupees One Hundred Fifty Eight And Paise Fifty Seven Only
398	112.50	Refilling the basement and pipeline treanches with secleted available earthe for trench excavation including authority condition in layers from thedi including disponsary of the sunplus earth with a heavy 200 mtrs complete as per specifications and directions of the Engineer in charge.	Cum	61.61	Rupees Sixty One And Paise Sixty One Only
399	3.00	Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 50mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications and directions of the Engineer in charge.	Each	2141.40	Rupees Two Thousand One Hundred Forty One And Paise Forty Only
400		GST @ 12%			

Contractor

Executive Engineer
Project Division
Yelahanka Zone

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